



ORBIS SINGAPORE

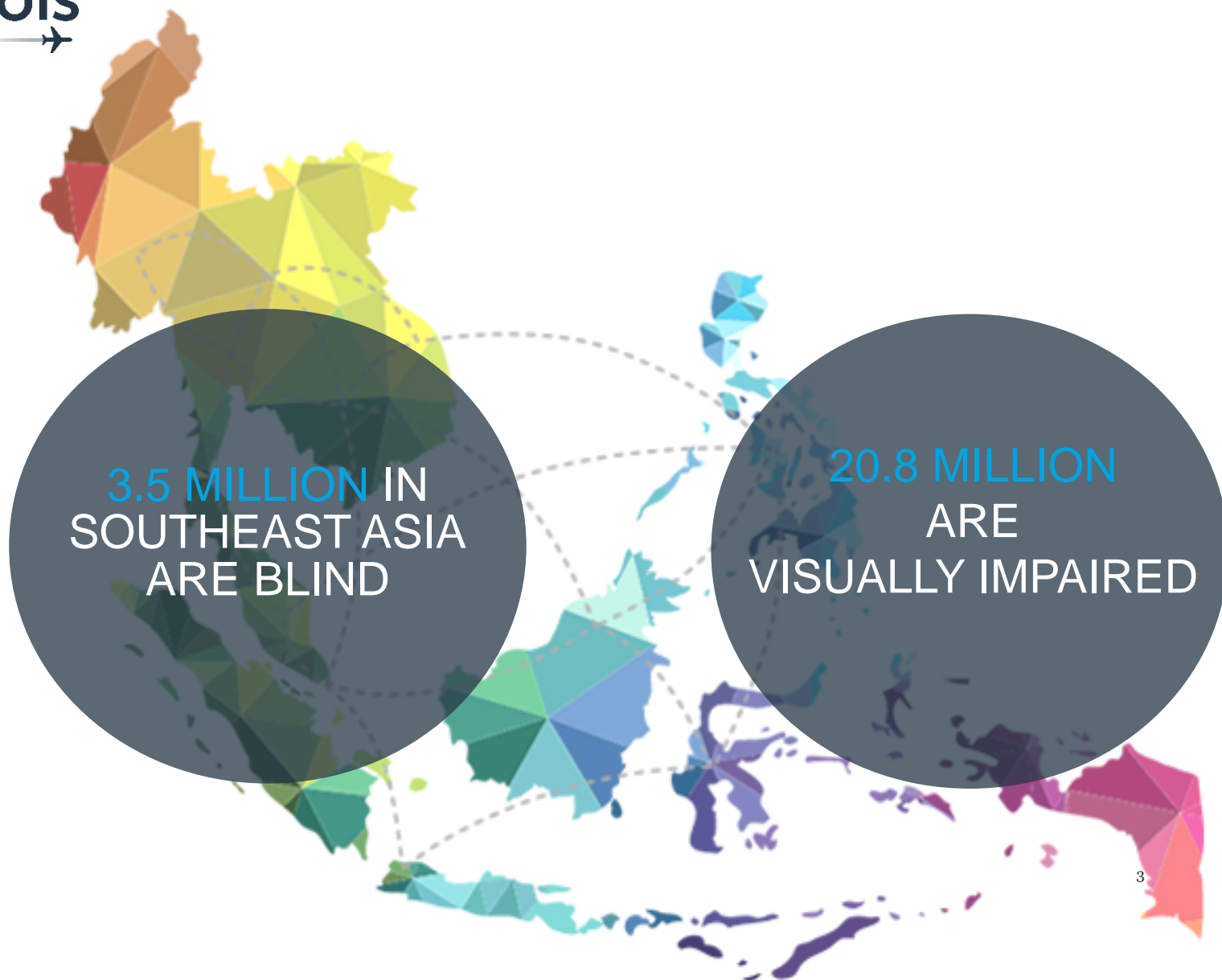
AviAsian Conference | 5th September 2018

253 MILLION PEOPLE IN THE WORLD ARE VISUALLY IMPAIRED

MOST DON'T HAVE TO BE

- 89% of visually impaired people live in developing nations where quality eye care is limited or non-existent







75% OF BLINDNESS AND VISUAL IMPAIRMENT CAN BE CURED, TREATED OR PREVENTED

11.9 MILLION PEOPLE ARE
BLIND IN BOTH EYES DUE
TO CATARACTS

Uncorrected cataracts
cause 33% of blindness

A 20-minute surgery can
replace a cataract (cloudy
lens) with a new lens

12.8 MILLION CHILDREN HAVE
UNCORRECTED REFRACTIVE
ERRORS

80% of learning is visual.
Children with uncorrected RE
are disadvantaged in school

A pair of glasses can help a
young person attend school and
receive a quality education

WHAT WE DO

WE TRAIN

local physicians, nurses and technicians in developing countries and leave a lasting footprint everywhere we go

WE TREAT

patients with a variety of eye health issues to preserve and restore sight

WE EXPAND ACCESS

by funding local hospitals and clinics and developing rural referral networks to treat and prevent visual impairment

WE STAY CONNECTED

through our digital tele-medicine platform, Cybersight, which maintains our mentor relationship through mobile technology



HOW WE DO IT

FLYING EYE HOSPITAL

As a teacher...

It provides a space to **train** doctors, nurses and biomedical technicians so they can save and restore vision.

As an envoy...

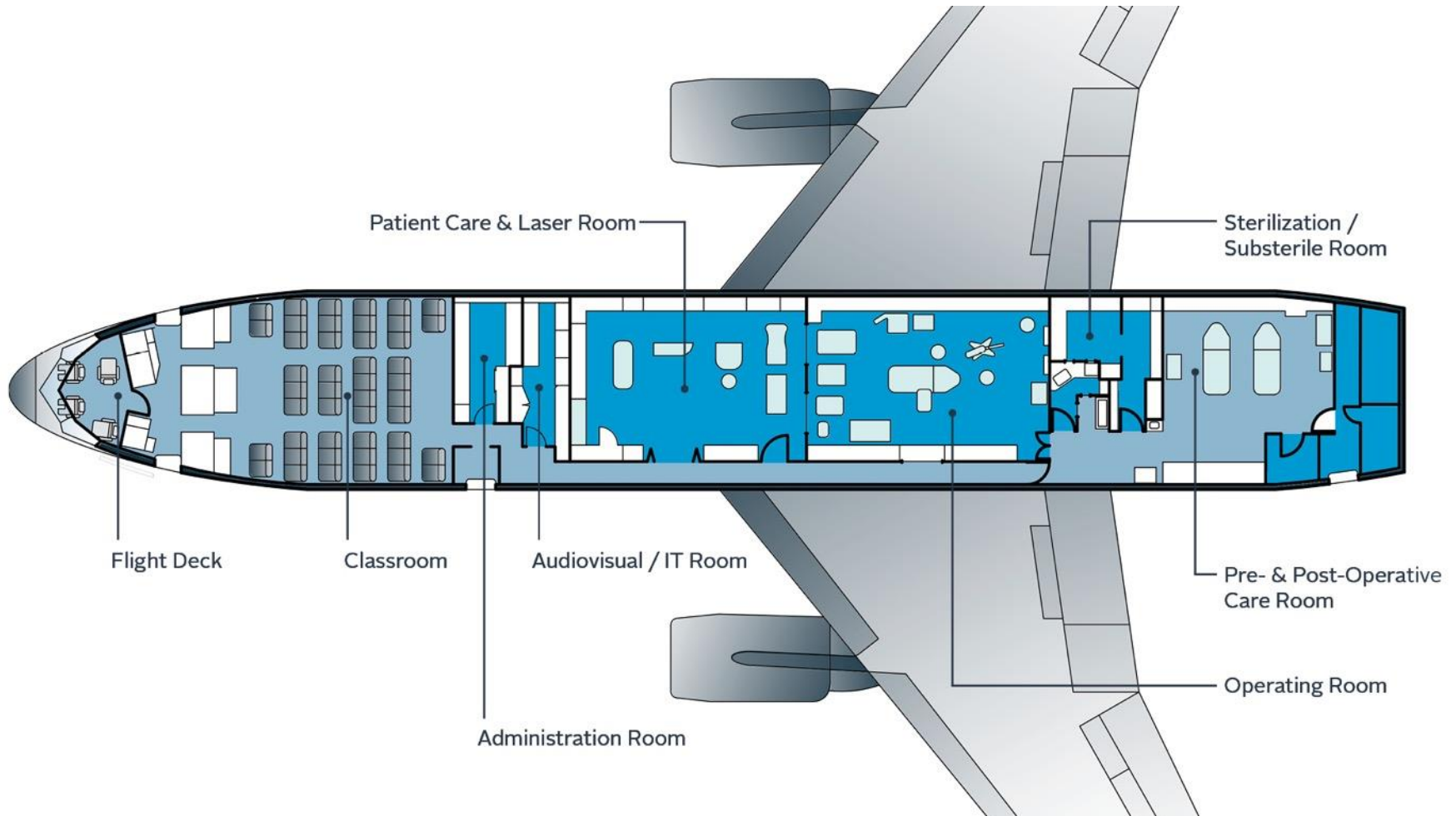
It **attracts media** so that we can tell people about the importance of eye health and enlist their help in fighting blindness.

As an advocate...

It opens the doors of **prime ministers, philanthropists** and the powerful so that we can make the case for investing in the global effort to extend eye care and bring an end to preventable blindness.



ORBIS MD-10 FLYING EYE HOSPITAL FLOOR PLAN



MD -10 FLIGHT DECK





CLASSROOM



Geoff Oliver Bugbee

ADMINISTRATION ROOM



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AUDIO VISUAL / IT ROOM



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PATIENT CARE & LASER ROOM



OPERATING ROOM



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STERILIZATION / SUB-STERILE ROOM



Geoff Oliver Bugbee

PRE & POST OPERATIVE CARE ROOM



Geoff Oliver Bugbee

BIOMEDICAL & FLIGHT MECHANIC AREA (BELLY)



Geoff Oliver Bugbee



HOSPITALS AND CLINICS

We partner with local hospitals and clinics throughout the regions we serve to provide access to quality eye care.

Integrated into our long-term country programs are our **Hospital-based programs** - intensive hands-on training program on specific clinical issues.

Every provider and trainee can access diagnostic and procedural support through **Cybersight**, our online and mobile tele-medicine platform.

Our hospital programs focus on ophthalmic education and instruction to increase our partners' skill, service, and quality of patient care.

REMOTE MEDICINE

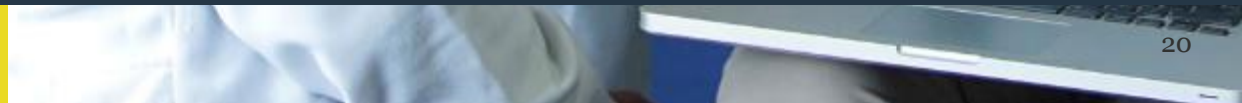
Cybersight connects eye care professionals in low-resource settings to tools and information they wouldn't otherwise have access to.

It is equal parts library, school, and remote-medicine service, open to doctors around the world for research.

Most critically, providers anywhere in the world can consult live with our volunteer faculty during diagnosis, treatment, and even surgical procedures.

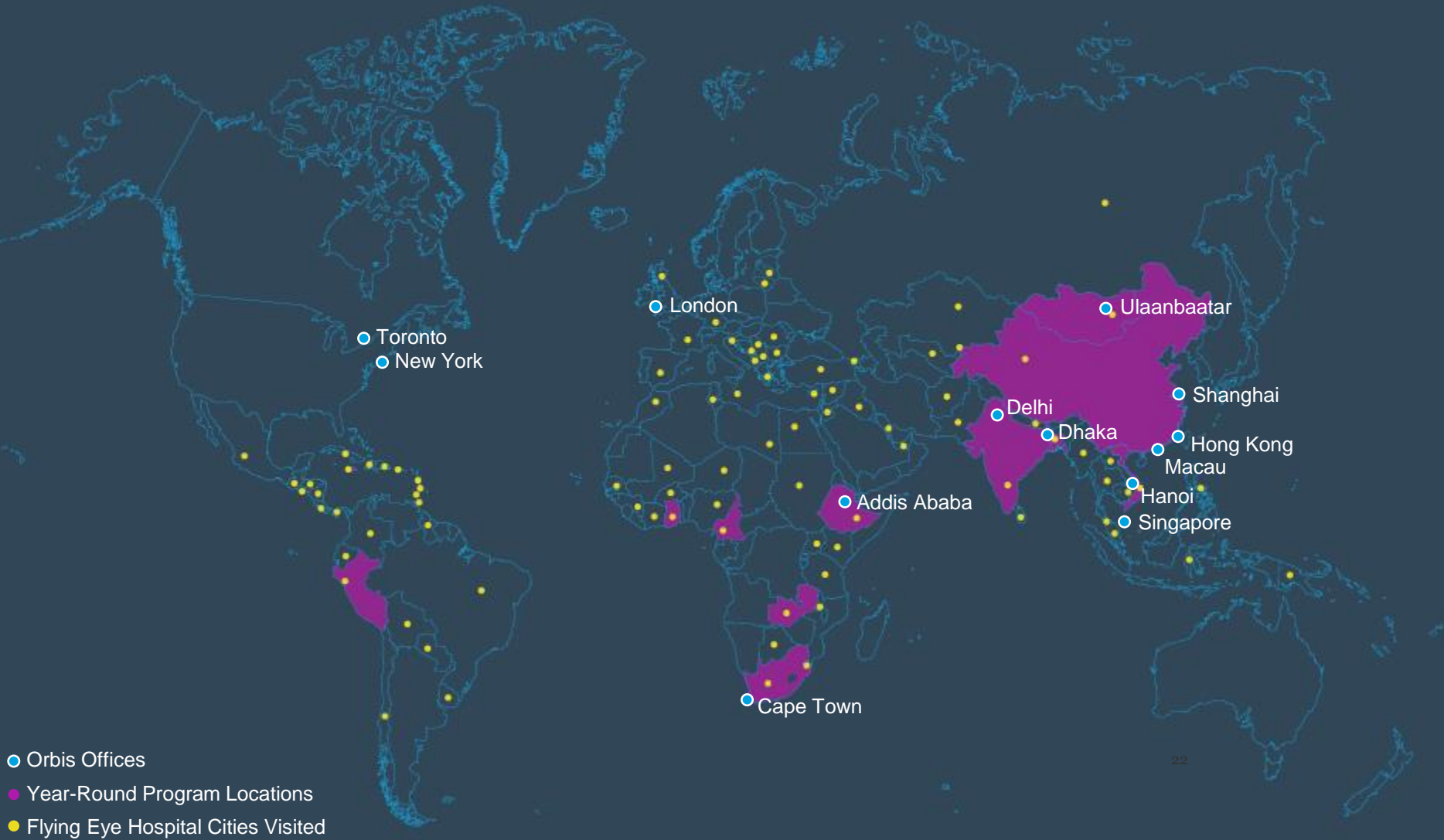


CyberSight is open-source, scalable and built for integration into all global health fields



OUR GLOBAL REACH

WHERE WE WORK





THE ORBIS IMPACT

In 2017...

62,000

Medical Training Courses Completed

5,000,000

Eye Screenings and Exams Conducted

8,700,000

Medical and Optical Treatments Given

96,000

Lasers and Surgeries Performed





MASS BLINDFOLD LUNCHEON

Hosted by Dialogue in the Dark

13th October 2018, Saturday | Week of World Sight Day
Ngee Ann Polytechnic | 10.45am - 2.00pm